

# MATERIAL SAFETY DATA SHEET

## Section I:

Manufactures Name: Walling Chemical Company

Address: 2008 Westport Ave., Box 408, Sioux Falls, SD 57117-0408

Phone #: 605-336-6710

Date Prepared: December 27, 1985

Product Identity: Code 180

Synonyms: Phenol Red

## Section II: Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH-TLV	Flammability	LEL	UEL
Phenol Red	Not Listed	Not Listed	NA (o)	NA	NA

Other Cited Data: None

Comments: Low toxicity. Does not present a health hazard.

## Section III: Physical/Chemical Characteristics

Boiling Point: 100°C

Specific Gravity (H<sub>2</sub>O = 1): 1.0

Vapor Pressure: Water

Melting Point: 32°F

pH: Neutral

Evaporation Rate (Butyl acetate = 1): < 1

Appearance and odor: Red Liquid; Odorless

## Section IV: Fire and Explosion Data

Flash Point: None

Extinguishing Media: Water, CO<sub>2</sub>, Foam, Dry Chemical

Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: NA

## Section V: Reactivity Data

Stability: Stable Yes Unstable No

Conditions to avoid: Contamination by other chemicals

Incombatability: Contamination

Hazardous Decomposition or By Products None

Hazardous Polymerization: Will Occur - , Will Not Occur +

**Section VI: Health Hazard Data**

Routes of Entry: Inhalation No Skin Yes Ingestion Yes

Health Hazards (Acute and Chronic) No health hazards associated with this product,

Carcinogenicity: NTP No IARC No

OSHA Regulated No Other No

Signs and Symptoms of Exposure: None

Medical Conditions Aggravated by Exposure: None

Emergency and First Aid Procedures: Flush off with water,

**Section VII: Precautions for Safe Handling and Use.**

Steps to be taken in case material is released or spilled: Flush to sewer,

Waste Disposal Method Follow federal, state and local regulations,

Precautions to be taken in handling and storing: General good practice,

Other precautions: None

### Section VIII: Control Measures

Respiratory Protection: NA

Ventilation: Local Exhaust NA Special NA  
Mechanical (Type) NA Other NA

Protective Gloves NA Eye Protection Goggles

Other Apron, Eye Wash

Comments: This product has low toxicity and considered for the most  
part harmless.

### References Used:

Third Annual Report on Carcinogens  
NTIS  
Research Triangle Park, NC

Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids (1984)  
NFPA  
Batterymarch Park, Quincy, MA 02269

OSHA Safety and Health Standards  
(29 CFR 1910) OSHA 2206-1001  
U.S. Dept of Labor  
Washington, D.C. 20402

Threshold Limit Values and Biological Exposure Indices For 1985-86  
ACGIH, Cincinnati, OH 45211